



Section H

200 Area Remediation

PROJECT MANAGERS

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INTRODUCTION

The 200 Area Remediation consists of Central Plateau Facility (CPF) Transition, CPF Project Management and Support, the Equipment Disposition Project, and Central Plateau Waste Site S&M, Project Baseline Summary (PBS) RL-CP01, Work Breakdown Structure (WBS) 3.3.1.5, 3.3.1.6, 3.3.1.8, 3.3.1.9, and 3.3.1.13.

NOTE: Unless otherwise noted, all information contained herein is as of the end of June 2002.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that there are no milestones due this fiscal year.

NOTABLE ACCOMPLISHMENTS

Transition ~~34~~ The execution of the Central Plateau Transition Plan was completed on June 30, 2002, smoothly transitioning Bechtel Hanford, Inc. (BHI) work scope to Fluor Hanford (FH). The work scope included the transfer of 136 employees, 161 facilities (buildings and structures), and 440 waste sites.

Equipment Disposition Project — The notice of construction was prepared for grouting the Ion Exchange Columns (IXC) that are on the rail cars in the 183K Building and RL approved the path forward for their disposition. Also, the path forward for the K Basin concrete box was finalized.

200 Area Shutdown Facilities — The Management Safety Review was completed authorizing work to proceed with the B Plant and PUREX metal roofs and the 95 percent design of roofs was also completed. Additionally, the non-destructive assay (NDA) activities at 224-T's B Cell were completed and sampling of the 10,000 gallons of water from C Cell was completed.

SAFETY

All River Corridor (RC) Safety and Conduct of Operations information is reported in section E.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

Breakthroughs

None to report.

Opportunities for Improvement

None to report.

UPCOMING ACTIVITIES

Equipment Disposition Project — Ship the Ion exchange columns by August 2002.

200 Area Shutdown Facilities — Complete installation of new roofs on PUREX & B Plant by November 30, 2002.

MILESTONE ACHIEVEMENT

FH Contract Milestones

MSN	Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
TRP-38-803	Complete Installation of New Roofs on PUREX & B Plant	RL	11/30/02		11/30/02	BCR approved. Implementation is reflected in the June reporting period. Revised PI is in signature routing.

PERFORMANCE OBJECTIVES

Outcomes: Transition Central Plateau to support long-term waste management

Performance Indicator	Status
FHI-M3 – 200 Area Facility Disposition Measure 1: Disposition Surplus Buildings and Rolling Stock Expectation 1: Base: Decontaminate & Decommission (D&D) 233-S & 233-SA Facilities by September 30, 2004. Stretch: D&D 233-S & 233-SA by June 30, 2004. Expectation 2: Complete installation of new roofs on PUREX & B Plant by September 30, 2002. Expectation 3: Base: Disposition contaminated railcars by June 30, 2006. Stretch: Disposition contaminated railcars by August 31, 2005. Super stretch: Disposition contaminated railcars and heavy equipment by September 30, 2003.	 Work is planned to begin July 1, 2002. Work is planned to begin July 1, 2002. The EPA has approved the NOC for the replacement of the roofs that are potentially contaminated. The existing AB for PUREX and B Plant do not cover the use of cranes for lifting roofing materials to the roofs. A JCO is in progress to allow the use of cranes. The contractor has completed the 95% design of the metal roofs and has started procurement of the roofing materials. Completed the disposal of rail trucks from three cask cars, which were previously shipped to Tennessee for recycling. Completed preliminary radiological surveys and equipment condition evaluations for reuse on the eleven flatcars in the PUREX Rail Cut. Forecast completion in October 2002 with disposition of 183K Ion Exchange Columns.

FY 2002 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES FY TO DATE STATUS – (\$000)

Sub-Project		FISCAL YEAR TO DATE							BAC
		BCWS	BCWP	ACWP	SV	%	CV	%	
PBS CP01 WBS 3.3.1.5	Central Plateau Facility S&M	2,012	1,268	2,499	(744)	-37%	(1,231)	-97%	6,236
PBS CP01 WBS 3.3.1.6	Central Plateau Facility Transition	0	0	1	0	0%	(1)	0%	0
PBS CP01 WBS 3.3.1.7	Central Plateau Facility D&D	0	0	0	0	0%	0	0%	1,585
PBS CP01 WBS 3.3.1.8	Central Plateau Project Management	1,766	1,766	1,988	(1)	0%	(223)	-13%	2,469
PBS CP01 WBS 3.3.1.9	Equipment Disposition Project	3,180	2,629	820	(550)	-17%	1,809	69%	5,199
Total 200 Area Remediation		6,958	5,663	5,308	(1,295)	-19%	355	6%	15,489

FY TO DATE SCHEDULE / COST PERFORMANCE

The unfavorable schedule variance of \$1.3M (19 percent) was primarily due to the B Plant/PUREX roof replacement work scope delay and the 224-T characterization work scope delays. The favorable cost variance of \$0.4M (6 percent) is within established thresholds.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, Fiscal Year to Date (FYTD) Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (-\$1.3M)

Central Plateau Facility S&M - 3.3.1.5/CP01

Description and Cause: The unfavorable schedule variance is primarily due to the delay of Phase II 224-T characterization caused by the late completion of Phase I FY 2001 workscope, and the discovery of water in 224-T C Cell. In addition, format issues have delayed progress on MDSA activities.

Impact: The discovery of water in 224-T C Cell will increase the work scope and delay completion of characterization by about four months. Format issues have significantly delayed progress on Master Documented Safety Analysis (MDSA) activities, but it is anticipated that the schedule can be recovered.

Corrective Action: Activities have been re-planned to remove 224-T C Cell water, correct the source of water intrusion, and continue characterization activities. However, the variance due to water removal will remain until the baseline is updated to reflect the growth of new work scope and corresponding delays. Activities have been re-planned to submit a DOE STD 1120 crosswalk in place of the MDSA format.

Equipment Disposition Project — 3.3.1.9/CP01

Description and Cause: The unfavorable schedule variance is primarily due to delays in recycling two cask cars, shipment of K Basin concrete box, and prior year work not reflected in performance.

Impact: No Impact.

Corrective Action: No corrective action required.

All other schedule variances are within established thresholds.

Cost Variance Analysis: (+\$0.4M)

Central Plateau Facility S&M - 3.3.1.5/CP01

Description and Cause: The unfavorable cost variance was primarily due to Notice of Construction (NOC) related costs that were not in the original planning for 224-T, and the discovery of water in 224-T C Cell. In addition, B Plant/PUREX roof materials were received (accrued) prior to the start of installation, making it difficult to determine and claim work performed.

Impact: The discovery of water in 224-T C Cell will increase the workscope/cost necessary to complete characterization.

Corrective Action: Activities have been re-planned to remove water at 224-T C Cell, correct the source of water intrusion, and continue characterization activities. The B Plant/PUREX variance should improve as installation progresses.

Central Plateau Facility Project Mgt — 3.3.1.8/CP01

Description and Cause: The unfavorable cost variance is primarily due to CP transition costs not in the original planning.

Impact: No Impact.

Corrective Action: Variance will remain until the baseline is updated to reflect the new work scope.

Equipment Disposition Project — 3.3.1.9/CP01

Description and Cause: The favorable cost variance was primarily due to heavy equipment, flatcar and cask car work scope completed at a substantial savings.

Impact: No Impact.

Corrective Action: No corrective action required.

All other cost variances are within established thresholds.

ISSUES

Technical Issues

Issue: Staffing shortfall and potential loss of project knowledge, tied to 200 Area Central Plateau Bechtel Hanford Transition.

Impact: Personnel transferred from BHI to FH may not be sufficient in numbers or experience to allow all work to continue without interruption.

Action Plan/Status: FH is in process of hiring new personnel and evaluating the need for a change to the baseline.

Regulatory, External, and DOE Issues and DOE Requests

None to report.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

BCR No. Level 4 WBS	Date Originated	Description	Impact		Date Approved	Status
			Days	Dollars (\$000s)		
CP01-02-007 3.3.1.8	3/13/02	Central Plateau Transition Activities		\$2,834		Rev 1 submitted to RL 5/31/02.
CP01-02-008 3.3.1.5	3/26/02	PUREX & B Plant Roof Replacement		(\$197)	6/11/02	Approved 6/11/02. Implemented June 2002.